

ABSTRACT

Reception SIR calculation section 107 calculates a reception SIR using a value obtained by averaging 5 interference signal power over several immediately preceding consecutive slots. Reference value decision section 109 decides whether the reception SIR is greater than a reference value or not. In the case where the count of desired signal power stored in power value storage 10 section 108 satisfies a count necessary for averaging and at the same time the reception SIR is not greater than the reference value, TPC creation section 110 creates a TPC to instruct a decrease of transmit power and creates a TPC to instruct an increase of transmit power otherwise. 15 This allows the base station to constantly receive signals of sufficient quality and perform efficient communications.

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